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State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

May 6, 2015

Sandra Silliman
P.O. Box 480
Green River, Utah 84525

Subject: Reclamation Surety and Modifications to Notice Required, Sandra Silliman, Silliman Rock Quarry, S/015/0103, Emery County, Utah

Dear Ms. Silliman:

The referenced Notice of Intention to Commence Small Mining Operations (NOI), received by the Division of Oil, Gas and Mining (Division) on April 23, 2015, is complete with the following exceptions:

1. **Mine Map.** Please include a detailed map showing the two-acre area on which the mine would be located. The map should have a scale of about 1"=200' and needs to show
 - a. The locations of existing or proposed operations, including access roads, drill holes, trenches, pits, shafts, cuts of other planned mining activities; and
 - b. Any adjacent previous disturbances for which you are not responsible.
2. **Variances.** The Division will accept the highwall variance to leave the slope steeper than 45 degrees if you include a commitment that slopes greater than 45 degrees will not exceed 20 feet in height and that they will not be steeper than 90 degrees (no overhangs). The Division will monitor the slopes during inspections and may modify its approval of this variance if it perceives a danger to the public. The road existed prior to the submittal of the NOI, so no variance is required for leaving the road. The Division strongly recommends that you mark the disturbed area boundary with T-posts or other similar markers. This will help to avoid confusion about which areas were disturbed as part of your mining operation and which areas were previously disturbed.
3. **Reclamation Surety.** The required reclamation surety is \$13,000.00 for a three year escalation or \$13,300.00 for a five year escalation. This was determined based on information in the following table.

Small Mine Operation (1-5 acres) Bond Calculation Worksheet			
(Operation Name) S/015/0103			
3-year escalation (2017)			
Item	Qty	Unit Cost	Total Cost
1st Acre Disturbance	1	\$8,000.00	\$8,000.00
Add'l Acres Disturbance	1	\$5,000.00	\$5,000.00
Additional Mob/demob >50 miles	1	\$0.00	\$0.00



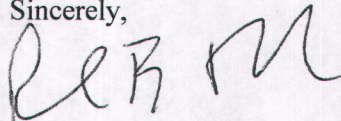
TOTAL			\$13,000.00
5-year escalation (2019)			
Item	Qty	Unit Cost	Total Cost
1st Acre Disturbance	1	\$8,200.00	\$8,200.00
Add'l Acres Disturbance	1	\$5,100.00	\$5,100.00
Additional Mob/demob >50 miles	1	\$0.00	\$0.00
TOTAL			\$13,300.00

The Division also needs to receive a reclamation contract. The form can be found on the Division's web site at https://fs.ogm.utah.gov/PUB/MINES/Minerals_Related/FORMS/MR-RC-SMO.pdf. Please submit the reclamation surety, reclamation contract, and modified NOI within the next 30 days. No mining related disturbance may be created until the surety is received and approved and you have received written acceptance from this office as well as other applicable agencies.

The reclamation surety can be submitted in one of several forms, including, an irrevocable letter of credit, a certificate of deposit, cash or a surety bond. Please contact Penny Berry at 801-538-5291 or by e mail at pennyberry@utah.gov for assistance in completing this requirement.

Please contact Wayne Western at 801-538-5263 or me at 801-538-5261 if you have questions regarding this letter. In reply please refer to file number S/015/0103.

Sincerely,



Paul B. Baker
Minerals Program Manager